

THESEUS™



Elegant

Ultra modern design, rounded profile

Compact

Easily fits into any home or office environment

Affordable

Offers both IP and ISDN connection capabilities

OVERVIEW

Theseus™ is an attractive, compactly designed videophone that affordably provides ISDN and IP-based videoconferencing to home offices and small businesses. With its rounded profile and cool modern design, the Theseus videophone has all the features and benefits you need in a reliable, all-in-one system.

MULTIPLE NETWORK CONNECTIVITY

Supports both ISDN and IP-based communications standards, fully conforming to the H.320 and H.323 international standards (with transmission rates up to 384 kbps over IP).

HIGH-QUALITY VIDEO

Features a high-resolution (960 x 234 pixels) rounded, 5" LCD video display for private discussions with top-quality images from any visual angle. A TV screen connection is also provided for applications requiring larger presentation. For video input, a built-in camera, with manual focus and automatic white balance, uses a 1/4" CCD sensor to capture business-quality, 15 fps video.

EXCELLENT SOUND REPRODUCTION

Provides large bandwidth and full-duplex hands-free audio with omnidirectional microphone, echo cancellation and Automatic Noise Suppression.

EASY TO INSTALL AND USE

On-screen contextual help and intuitive, non-intimidating graphical user interface ensure easy installation and use. The simple keypad and handset, plus address book dialing, make it easy to master right away, even for the most novice user. All remote diagnostics and management functions are accessible from web browsers.

FEATURES AT A GLANCE

- Supports ISDN and IP network connectivity
- Audio echo cancellation with full-duplex
- 5" (12,8 cm) color LCD
- TV screen and serial port connection
- T.120 multimedia support
- Document camera support
- Address book dialing
- Audio and video mute



**TECHNICAL SPECIFICATIONS
SUPPORTED STANDARDS**

- ITU-T H.320 ISDN
- ITU-T H.323 IP networks
- Video H.261, H.263+
- Audio G.711, G.722, G.728, G723.1
- Data T.120
- MCU compatibility H.243

TRANSMISSION

- Bit rate 56 ÷ 128 kbps over ISDN
64 ÷ 384 kbps over IP

VIDEO

- Frame rate 15 frames per second
- Video resolution FCIF 352 x 288 pixels
QCIF 176 x 144 pixels
4CIF 704 x 576 pixels for still images (Annex D or H.263)
- Remote camera control H.281 (H.320)
H.282/H.283 (H.323)

AUDIO

Audio	Band	Bit rate
G.711	300 ÷ 3400 Hz	56 kbps
G.722	50 ÷ 7000 Hz	48/56 kbps
G.723.1	300 ÷ 3400 Hz	5.3/6.3 kbps
G.728	50 ÷ 3400 Hz	16 kbps

- Echo cancellation Full-duplex
- Echo Return Loss Enhancement (ERLE) 30 dB
- Automatic Gain Control (AGC) ±12 dB
- Automatic Noise Suppression

BUILT-IN CAMERA

- Sensor 1/4" CCD
- Format Video composite
- Picture elements 542 x 586 pixel
- Resolution 380 TV line
- Lens f=3.7 mm
- Iris F=2.0
- Focus Manual

- White balance Automatic
- Minimum illumination 0.5 lux
- S/N 52 dB

BUILT-IN DISPLAY

- Type Color TFT-LCD
- Size 5"
- Resolution 960 x 234

NETWORK INTERFACES

- ISDN 1 BRI 1 RJ-45
- Ethernet 10/100BASE-T full-duplex 1 RJ-45

AUDIO/VIDEO INTERFACES

- Video input CVBS PAL/NTSC (RCA)
- Video output CVBS PAL/NTSC (RCA)
- Audio input Line (RCA)
- Audio output Line (RCA)

AUXILIARY INTERFACES

- Serial port RS232 (MINDIN 8P)

USER INTERFACE

- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Chinese
- Contextual help
- Diagnostics and management functions
- Call progress monitoring

BUILT-IN HANDS FREE

- Electric omnidirectional microphone
- Speaker 8 ohm 1 Watt

WEB MANAGEMENT

All configuration, call diagnostics and management functions are accessible using the following web browsers: Microsoft® Internet Explorer™, Netscape Navigator™

REMOTE DIAGNOSTIC AND MANAGEMENT

	Local	Web Browser	SNMP
Self test	Yes	Yes	Yes
Diagnostics	Yes	Yes	Yes
Configuration	Yes	Yes	Yes
Call	Yes	Yes	Yes
Error tracking	Yes	Yes	Yes

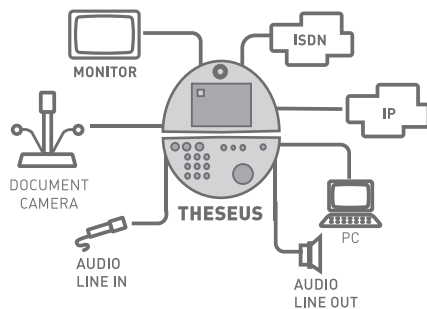
POWER SUPPLY

- 100-240 Vac 50-60 Hz 0.45 A Max

DIMENSIONS

• THESEUS

Width	26 cm (10.23")
Height	10 cm (3.3") closed 23 cm (9") open
Depth	19 cm (7.8")



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